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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

44471/314793

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/531789

INTERNATIONAL APPLICATION NO.  
PCT/JP2004/007903INTERNATIONAL FILING DATE  
June 1, 2004PRIORITY DATE CLAIMED  
July 16, 2003

## TITLE OF INVENTION

Direct-Current Converter

## APPLICANT(S) FOR DO/EO/US

Shinji ASO

Applicant herewith submits to the United States Designated/Elected (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau). (Publication No. WO 2005/008871 A1)
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendment has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 37(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20 below concern document(s) or information included:

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information:

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U.S. APPLICATION NO. (Unknown see 37 CFR 1.5) <b>107531789</b>		INTERNATIONAL APPLICATION NO. PCT/JP2004/007903		ATTORNEY'S DOCKET NUMBER <b>44471/314793</b>					
21. The following fees are submitted:									
<input checked="" type="checkbox"/> a) Basic national fee ..... \$300.00      \$300 <input checked="" type="checkbox"/> b) Examination fee ..... \$200.00      \$200 <input checked="" type="checkbox"/> c) Search fee ..... \$500.00      \$500 <b>TOTAL OF ABOVE CALCULATIONS =</b> ..... \$1000.00      \$1000									
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE					
40- 100 =	0/50 =	0		x \$250.00 \$					
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).									
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		\$				
Total claims	8- 20 =	0	x \$50.00		\$				
Independent claims	2 - 3 =	0	x \$200.00		\$				
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00		\$				
<b>TOTAL OF ABOVE CALCULATIONS =</b> \$1000									
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.									
<b>SUBTOTAL =</b> \$1000									
Processing fees of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +									
<b>TOTAL NATIONAL FEE =</b> \$1000									
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +									
<b>TOTAL FEES ENCLOSED =</b> \$									
<table border="1"> <tr> <td>Amount to be refunded</td> <td>\$</td> </tr> <tr> <td>Amount to be charged</td> <td>\$1000</td> </tr> </table>						Amount to be refunded	\$	Amount to be charged	\$1000
Amount to be refunded	\$								
Amount to be charged	\$1000								
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayments to Deposit to Account No. <u>11-0855</u> . A duplicate copy of this sheet is enclosed. d. <input checked="" type="checkbox"/> Fees are to be charged to credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revise (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO:			Certificate of Mailing 37 CFR 1.8(2)(A) Express Mail No.: EV334679642US						
Customer Number 23370 John S. Pratt, Esq. KILPATRICK STOCKTON LLP Suite 2800 1100 Peachtree Street Atlanta, Georgia 30309-4530 404.815.6500									
 SIGNATURE <b>Brenda O. Holmes</b> NAME									
<b>40,339</b> REGISTRATION NUMBER									